0	For receiving Office use only		
0-1	International Application No.		
	Later of a state of Ethan Date		
0-2	International Filing Date		
		28. 2. 03	
0-3	Name of receiving Office and "PCT International Application"		
0-4	Form - PCT/RO/101 PCT Request		
0-4-1	Prepared using	DOM PLOY Woulder 2 00	
0-4-1	Tropared using	PCT-EASY Version 2.92 (updated 01.01.2003)	
0-5	Petition	(apaated 01.01.2003)	
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty		
0-6	Receiving Office (specified by the applicant)	Japan Patent Office (RO/JP)	
0-7	Applicant's or agent's file reference	YCT-778	
]	Title of Invention	CURRENT MEASURING APPARATUS	
II	Applicant		
II-1	This person is:	applicant only	
11-2	Applicant for	all designated States except US	
II-4	Name	THE TOKYO ELECTRIC POWER COMPANY, INCORPORATED	
II-5	Address:	1-3, Uchisaiwai-cho 1-chome,	
		Chiyoda-ku, Tokyo 100-0011	
		Japan	
11-6	State of nationality	JP	
11-7	State of residence	JP	
III-1	Applicant and/or Inventor	•	
III-1-1	This person is:	applicant only	
III-1-2	Applicant for	all designated States except US	
III-1 - 4	Name	NAMIKI PRECISION JEWEL CO., LTD.	
III-1-5	Address:	3-8-22, Shinden,	
		Adachi-ku, Tokyo 123-8511	
		Japan	
III-1-6	State of nationality	JP	
III-1-7	State of residence	JP	

PCT REQUEST

1-2	Applicant and/or Inventor	and deventor
1-2-1	This person is:	applicant and inventor
1-2-2	Applicant for	US only
11-2-4	Name (LAST, First)	KUROSAWA, Kiyoshi
11-2-5	Address:	c/o The Tokyo Electric Power Company,
}		Incorporated should show the desired shows
ļ		1-3, Uchisaiwai-cho 1-chome,
		Chiyoda-ku, Tokyo 100-0011
		Japan
111-2-6	State of nationality	JP
111-2-7	State of residence	JP
111-3	Applicant and/or inventor	at and inventor
111-3-1	This person is:	applicant and inventor
111-3-2	Applicant for	US only
111-3-4	Name (LAST, First)	HIROKI, Yoshiharu c/o The Tokyo Electric Power Company,
111-3-5	Address:	
		Incorporated 1-3, Uchisaiwai-cho 1-chome,
		Chiyoda-ku, Tokyo 100-0011
		Japan
		JP
111-3-6	State of nationality	JP
111-3-7	State of residence	JP
111-4	Applicant and/or Inventor	applicant and inventor
111-4-1	This person is:	US only
111-4-2	1	KONNO, Yoshihiro
111-4-4		c/o Namiki Precision Jewel Co., Ltd.
111-4-5	Address:	3-8-22, Shinden,
		Adachi-ku, Tokyo 123-8511
		Japan
	State of nationality	JP
111-4-6		JP
111-4-7		
111-5	1	applicant and inventor
111-5-1	4	US only
111-5-2	1	SASAKI Masaru
111-5-4		c/o Namiki Precision Jewel Co., Ltd.
111-5-5	5 Address:	3-8-22, Shinden,
		Adachi-ku, Tokyo 123-8511
		Japan
,,, ,	6 State of nationality	JP
111-5-		JP
111-5-	Julie of residence	

PCT REQUEST

IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	SHAMOTO, Ichio
IV-1-2	Address:	YUASA AND HARA
14-1-2	, 144	Section 206, New Ohtemachi Bldg.,
		2-1, Ohtemachi 2-chome,
		Chiyoda-ku, Tokyo 100-0004
		Japan
IV-1-3	Telephone No.	03-3270-6641
IV-1-4	Facsimile No.	03-3246-0233
IV-2	Additional agent(s)	additional agent(s) with same address as
14-2	Additional agent,	first named agent
IV-2-1	Name(s)	MACUT Chuit: KOBAYASHI, Yasushi; CHIBA,
14-2-1	(Value (G)	Akio; TOMITA, Hiroyuki; HOSHINO, Osamu
V	Designation of States	
_	Regional Patent	AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM
V-1	(other kinds of protection or treatment,	ZW and any other State which is a
	if any, are specified between parentheses after the designation(s)	Contracting State of the Harare Protocol
	concerned)	and of the PCT
		FA. AM AZ BY KG KZ MD RU TJ TM and any
		other State which is a Contracting State
		of the Eurasian Patent Convention and of
		the PCT
		EP: AT BE BG CH&LI CY CZ DE DK EE ES FI
		FR GB GR HU IE IT LU MC NL PT SE SI SK
		TR and any other State which is a
		Contracting State of the European Patent
		Convention and of the PCT
		OA: BF BJ CF CG CI CM GA GN GQ GW ML MR
	İ	NE SN TD TG and any other State which is
		a member State of OAPI and a Contracting
		State of the PCT
V-2	National Patent	AE AG AL AM AT AU AZ BA BB BG BR BY BZ
	(other kinds of protection or treatment, if any, are specified between parentheses after the designation(s)	
		IRR KS FI GB GD GB GH GM HK HO == ==
	concerned)	IS JP KE KG KP KR KZ LC LK LR LS LT LU
		LV MA MD MG MK MN MW MX MZ NO NZ OM PH
		PL PT RU RU SC SD DE DO DE TOT THE TA THE TW
		TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

	Precautionary Designation Statement	
V-5	•	
ļ	In addition to the designations made	
	under items V-1, V-2 and V-3, the	
	applicant also makes under Rule 4.9(b) all designations which would be	
	permitted under the PCT except any	
1	designation(s) of the State(s) indicated	
	under item V-6 below. The applicant	
	declares that those additional	
	designations are subject to confirmation	
	and that any designation which is not	
	confirmed before the expiration of 15	
	months from the priority date is to be	
	regarded as withdrawn by the applicant	
	at the expiration of that time limit.	
V-6	Exclusion(s) from precautionary	NONE
V-0	designations	
VI-1	Priority claim of earlier national	
▼ 1-•	application	
VI-1-1	Filing date	01 March 2002 (01.03.2002)
		055231/2002
VI-1-2	Number	
VI-1-3	Country	JP
VI-2	Priority document request	
	The receiving Office is requested to	VI-1
	I prepare and transmit to the	
	International Bureau a certified copy of	
	the earlier application(s) identified	
	above as item(s):	T - L OSSIGO (IDO) (ISA/IP)
VII-1	International Searching Authority	Japan Patent Office (JPO) (ISA/JP)
	Chosen	Number of declarations
VIII	Declarations	
VIII-1	Declaration as to the identity of the	-
	inventor	
VIII-2	Declaration as to the applicant's	-
VIII-2	Declaration as to the applicant's	-
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a	-
	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	
VIII-2 VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-
	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing	
	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-
	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the	-
VIII-3 VIII-4	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America)	-
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America)	-
VIII-3 VIII-4	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of	
VIII-3 VIII-4 VIII-5	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-
VIII-3 VIII-4 VIII-5	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	
VIII-3 VIII-4 VIII-5 IX IX-1	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty Check list Request (including declaration sheets)	number of sheets electronic file(s) attached
VIII-3 VIII-4 VIII-5 IX IX-1 IX-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty Check list Request (including declaration sheets)	number of sheets electronic file(s) attached 6 -
VIII-3 VIII-4 VIII-5 IX IX-1 IX-2 IX-3	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty Check list Request (including declaration sheets) Description Claims	number of sheets electronic file(s) attached
VIII-3 VIII-4 VIII-5 IX IX-1 IX-2 IX-3 IX-4	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty Check list Request (including declaration sheets) Description Claims Abstract	- number of sheets electronic file(s) attached 6 - 26 - 6 - 1
VIII-3 VIII-4 VIII-5 IX IX-1 IX-2 IX-3 IX-4 IX-5	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty Check list Request (including declaration sheets) Description Claims Abstract Drawings	- number of sheets electronic file(s) attached 6 - 26
VIII-3 VIII-4 VIII-5 IX IX-1 IX-2 IX-3 IX-4	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty Check list Request (including declaration sheets) Description Claims Abstract	- number of sheets electronic file(s) attached 6 - 26 - 6 - 1

PCT REQUEST

	Accompanying items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	√	-
X-9	Original separate power of attorney	√	-
IX-17	PCT-EASY diskette	-	Diskette
IX-19	Figure of the drawings which should accompany the abstract		
IX-20	Language of filing of the international application	Japanese	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)	SHAMOTO, Ichio	(Seal)
X-2	Signature of applicant, agent or common representative		
X-2-1	Name (LAST, First)	MASUI, Chuji	(Seal)
X-3	Signature of applicant, agent or common representative		
X-3-1	Name (LAST, First)	KOBAYASHI, Yasushi	(Seal)
X-4	Signature of applicant, agent or common representative		
X-4-1	Name (LAST, First)	CHIBA, Akio	(Seal)
X-5	Signature of applicant, agent or common representative		
X-5-1	Name (LAST, First)	TOMITA, Hiroyuki	(Seal)
X-6	Signature of applicant, agent or common representative		
X-6-1	Name (LAST, First)	HOSHINO, Osamu	(Seal)

FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported International application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	international Searching Authority	ISA/JP
10-6	Transmittal of search copy delayed until search fee is paid	

10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/JP
10-6	Transmittal of search copy delayed until search fee is paid	

FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by	
	the International Bureau	